



NO	PART NUMBER	MATERIAL
1	BODY	CAST IRON
2	COVER	CAST IRON
3	DISC	CAST IRON
4	DISC RING	BRONZE
5	BODY RING	BRONZE
6	HINGE PIN	STAINLESS STEEL
7	BOLT	ASTM A307B
8	NUT	ASTM A307B

PRESSURE TEST			
DN	PRESSURE RATING (PN)	HYDRO-TEST PRESSURE (Mpa)	
		BODY	SEAT
50-300	16	2.4	1.76

SIZE (d)	D	C	t	H	z - d1	L
50	152	114	9.5	136	4 - 18	203
65	165	127	10.3	147	4 - 18	216
80	184	146	11.1	158	4 - 18	241
100	216	178	12.7	184	8 - 18	292
125	254	210	14.3	212	8 - 18	330
150	279	235	17.5	227	8 - 22	356
200	337	292	19.1	263	8 - 22	495
250	406	356	22.2	304	12 - 22	622
300	457	406	25.4	335	12 - 26	698

TECHNICAL REQUIREMENTS

- 1 DESIGN AND MANUFACTURE PER BS 5153
- 2 PRESSURE-TEMPERATURE RATINGS ANSI B16.34
- 3 PRESSURE TEST BS 5153
- 4 FACE TO FACE DIMENSION PER BS 5153
- 5 FLANGE CONNECTION DIMENSION PER BS10 TABLE E

REV D	BROOK VALVES	
DATE	JAN 2011	B404E
SCALE	TO FIT	
CI SWING CHECK VALVE FLANGED TABLE E		